Chinese Vegetables

ATLANTIC PROVINCES VEGETABLE CROPS GUIDE TO PEST MANAGEMENT 2002 - 2003

Agriculture and Forestry
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PEST	PESTICIDE (Formulation)	RATE Product	DAYS TO HARVEST	REMARKS
Weeds ▲ to Top				
Preplant Perennial Weeds including quackgrass	ROUNDUP 356 Sn	2.5 to 7.0 L/ha	-	Apply in the fall or spring prior to planting. Annual weed control programs will be necessary to control weeds germinating after planting. For quackgrass control apply to actively growing quackgrass when at least 4 new leaves are present. The low rate (2.5 L/ha) will provide a minimum of one season control, while higher rates (4.75 to 7 L/ha) will provide longer term control. The low rate of Roundup should be applied in 50 to 100 L/ha water. If higher water volumes are used add a suitable surfactant. Wait 72 hours before plowing under. Best control of quackgrass is obtained when these herbicides are applied in the fall.
	TOUCHDOWN 480	2.5 to 7.0 L/ha	-	
	GLYFOS	2.5 to 7.0 L/ha	-	
	ROUNDUP TRANSORB	2.5 to 7.0 L/ha	-	
Preemergence Stale Seedbed Technique	GRAMOXONE 200 Sn	2.75 to 5.5 L/ha	-	Apply in 300 to 1100 L of water/ha to foliage of the emerged weeds but before the crop has emerged. Use Gramoxone for best control of grasses.
	REGLONE 200 Sn	2.75 to 5.5 L/ha	-	
Germinating annual weeds	DEVRINOL 50 DF	2.25 to 4.5 kg/ha	-	Apply only to seeded Chinese Broccoli, Chinese Radish and Chinese Mustard Cabbage, or transplanted and Chinese Cabbage and Kohlrabi.
Postemergence Broadleaf control	LONTREL 360	0.56 L/ha	30	Apply post transplant to Chinese Radish, Chinese Broccoli and Mustard Cabbage. Apply in 300 L of water/ha. Adequate testing on different varieties has not been completed in Atlantic Canada.
	GRAMOXONE 200 Sn	2.75 to 5.5 L/ha	-	Do not spray solution on the crop plant since it could be injured or killed. Use Gramoxone for

Inter-row shielded	REGLONE 200 Sn	2.75 to 5.5 L/ha	-	best control of grasses.
Annual Grasses and Quackgrass	POAST Ultra EC plus MERGE	0.32 to 0.47 L/ha 1 to 2 L/ha	30	Apply to Chinese Broccoli, Chinese Cabbage, Chinese Radish and Kohlrabi.
	FUSLIADE II	0.8 to 2.0 L/ha	40	Make maximum of one application per season.
Insects ▲ to Top				
Cutworms	LORSBAN 4 E	2.4 L/ha	32	Preplant treatment for Chinese Cabbage.
Cabbage looper	DIPEL WP	550 to 1100gm/ha	-	
	Guthion 50WP Solupak	1.12 to 1.75 kg/ha	21	Chinese Cabbage
Diamondback moth	SEVIN XLR 43 Su	2.25 to 5.5 L/ha	21	Chinese Cabbage.
	DIPEL WP	550 gm/ha	-	
	Guthion 50WP Solupak	1.12 to 1.75 kg/ha	21	Chinese Cabbage
Imported cabbageworm	SEVIN XLR 43 Su	2.25 to 5.25 L/ha	21	Chinese Cabbage.
	DIPEL WP	110 to 275 gm/ha	-	
	Guthion 50WP Solupak	1.12 to 1.75 kg/ha	21	Chinese Cabbage
Aphids	CYGON 480 EC	700 to 1000 ml/ha	4	Pak Choy, Chinese Cabbage and Chinese Broccoli.
	LAGON 480 EC	700 to 1000 ml/ha	4	Pak Choy, Chinese Cabbage and Chinese Broccoli.
Tarnished plant bug	SEVIN XLR 43 Su	2.25 to 5.25 L/ha	21	Chinese Cabbage.
Flea beetles	SEVIN XLR	1.25 to 2.56 L/ha	21	Chinese Cabbage.
Cabbage maggot	LORSBAN 4E	2 to 7 L/ha	15	Pak Choy, Chinese Cabbage and Cabbage Broccoli. Rate depends on row spacing. See label for details.
	LORSBAN 4E	210 ml/1000 L of water	32	Asian Radish apply 1000 L /1000 m row as a drench over seeded rows 7, 20 and 35 days after seeding.
	Guthion 50WP Solupak	1kg in 1000L water	21	Apply 115 - 170 ml per plant at, or immediately following, transplanting.

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